

Portfolio Overview



Retail Cash Cycle Management™ Solutions



WINCOR
NIXDORF

EXPERIENCE MEETS VISION.

Note recycler for POS

CINEO C6010 (compact cassette)



- Note recycling module with 3 stationary drums to recycle 3 denominations
- 1 compact cassette to deposit notes that are not recycled
- The cassette is also a closed storage medium for a secure pick-up of notes

CINEO C6010 (standard cassette)



- Note recycling module with 3 stationary drums to recycle 3 denominations
- 1 standard cassette to deposit notes that are not recycled
- The cassette is also a closed storage medium for a secure pick-up of notes

CINEO C6010 (mobile drum)



- Note recycling module with 3 stationary drums to recycle 3 denominations
- 1 mobile drum to deposit notes that are not recycled
- In combination with the cash office solution CINEO C6020 the mobile drum is also a closed storage medium for a secure in-store cash cycle management solution to pick-up notes and provide float

Note recycler for POS

iCASH 10



- Note recycling module with 3 stationary drums to recycle 3 denominations
- 1 stacking cassette to deposit notes that are not recycled
- The stacking cassette is used for a secure pick-up of notes

iCASH 50



- Note recycling module with 4 stationary drums to recycle 4 denominations
- 1 stacking cassette to deposit notes that are not recycled
- The stacking cassette is used for a secure pick-up of notes

Note recycler for cash office

CINEO C6010 (standard cassette)



- Note recycling module with 3 stationary drums to recycle 3 denominations
- 1 standard cassette to deposit notes that are not recycled
- The cassette is also a closed storage medium for a secure pick-up of notes

CINEO C6020 (two cassettes)



- Note recycling module with 4 stationary drums to recycle 4 denominations
- 2 standard cassettes to recycle notes and/or to deposit notes that are not recycled
- The cassettes are also a closed storage medium for a secure pick-up of notes

CINEO C6020 (three cassettes)



- Note recycling module with 4 stationary drums to recycle 4 denominations
- 3 standard cassettes to recycle notes and/or to deposit notes that are not recycled
- The cassettes are also a closed storage medium for a secure pick-up of notes

Note recycler for cash office

iCASH 50



- Note recycling module with 4 stationary drums to recycle 4 denominations
- 1 stacking cassette to deposit notes that are not recycled
- The stacking cassette is used for a secure pick-up of notes

Coin recycler for POS

iCASH 15



- Coin recycling module with 8
hoppers to recycle up to 8
denominations
- 1 overflow box
- Capacity for 1 € coins:
approx. 70 coins

iCASH 15e



- Coin recycling module with 8
hoppers to recycle up to 8
denominations
- 1 overflow box
- Optional refill cassette
- Capacity for 1 € coins:
approx. 250 coins

Coin recycler for cash office

iCASH 15e



- Coin recycling module with 8
hoppers to recycle up to 8
denominations
- 1 overflow box
- Optional refill cassette
- Capacity for 1 € coins:
approx. 250 coins

CINEO C1020



- Coin recycling module with 8
hoppers to recycle up to 8
denominations
- 1 overflow box
- Capacity for 1 € coins:
approx. 1,200 coins
- Coin dispensing directly in
the compartment of cash
drawers
- Optional integrated PC,
printer and touch screen

The three different CINEO note storage concepts

CINEO Compact cassette



- **Choice between:**
 - basic (lockable, sealable, filling level indicator)
 - midrange (plus: shutter monitoring, LED, lid monitoring)
 - and high end variant (plus: ink integration)
- **Dimensions (H x W x D):**
 - 128,5 x 260 x 313 mm
- **Weight:**
 - Basic & midrange: Approx. 2,55 kg / 3,96 kg (empty/full)
 - High end: Approx. 3,9 kg / 5,3 kg (empty/full)
- **Max. filling height:**
 - Basic & midrange: 200 mm
 - High end: 140 mm

CINEO Standard cassette



- **Choice between:**
 - basic (lockable, sealable, filling level indicator)
 - midrange (plus: shutter monitoring, LED, lid monitoring)
 - and high end variant (plus: ink integration)
- **Dimensions (H x W x D):**
 - 128,5 x 260 x 411 mm
- **Weight:**
 - Basic & midrange: Approx. 3,4 kg / 6,5 kg (empty/full)
 - High end: Approx. 4,4 kg / 8,6 kg (empty/full)
- **Max. filling height:**
 - Basic & midrange: 300 mm
 - High end: 240 mm

CINEO Mobile drum



- **Choice between:**
 - basic (lockable, sealable, filling level indicator)
 - midrange (plus: shutter monitoring, LED, lid monitoring)
 - and high end variant (plus: ink integration)
- **Dimensions (H x W x D):**
 - 132 x 250 x 215 mm
- **Weight:**
 - Basic & midrange: Approx. 4,5 kg / 5 kg (empty/full)
 - High end: Approx. 5,4 kg / 5,9 kg (empty/full)
- **Capacity:**
 - Basic & midrange: Up to 350 notes
 - High end: Up to 350 notes

Support of banknotes with:

- 105 mm to 185 mm width
- 58 mm to 85 mm height
- 0,08 mm to 0,12 mm thickness

The iCASH cassettes

iCASH 10 stacking cassette



- **Choice between:**
 - standard cassette
 - inking cassette
- **Dimensions (H x W x D):**
 - Standard: 125 x 155 x 260 mm
 - Inking: 125 x 155 x 295 mm
- **Weight:**
 - Standard: Approx. 2,5 kg / 3,0 kg (empty/full – 450 notes)
 - Inking: Approx. 3,5 kg / 4,0 kg (empty/full – 450 notes)
- **Max. filling height:**
 - Standard: 78 mm
 - Inking: 78 mm

iCASH 50 stacking cassette



- **Choice between:**
 - standard cassette
 - inking cassette
- **Dimensions (H x W x D):**
 - Standard: 145 x 270 x 490 mm
 - Inking: 174 x 270 x 490 mm
- **Weight:**
 - Standard: Approx. 7,8 kg / 13,2 kg (empty/full – 2,000 notes)
 - Inking: Approx. 7,8 kg / 13,2 kg (empty/full – 2,000 notes)
- **Capacity:**
 - Standard: up to 2,000 notes
 - Inking: up to 2,000 notes

Support of banknotes with:

- 120 mm to 170 mm width
- 60 mm to 85 mm height

Integration of cash recycling systems into checkout



CINEO C6010 & iCASH 15



CINEO C6010 & iCASH 15e



Integration of cash recycling systems into checkout



iCASH 10 & iCASH 15



iCASH 10 & iCASH 15e



Integration of cash recycling systems into checkout



iCASH 50 & iCASH 15



iCASH 50 & iCASH 15e



Integration of cash recycling systems into cash office



CINEO C6020 & iCASH 15e



CINEO C6020 & iCASH 15e



Integration of cash recycling systems into cash office



CINEO C6020 & CINEO 1020



Integration of cash recycling systems into cash office



iCASH 50 & iCASH 15e



iCASH 50 & iCASH 15e



Integration of cash recycling systems into cash office



iCASH 50 & CINEO 1020



CINEO C6010 with compact cassette



Solution

- Manual banknote deposits (bulk input)
- Automated withdrawals (bulk output)
- Three stationary drums for notes to be reused for withdrawals
- One compact cassette for notes not stored in the stationary drums. Serves as removable cassette for pick-ups as well
- Three variations of compact cassette (basic, midrange, high end)

Benefits

- Audit proof deposits and withdrawals of banknotes where no manual cash counting is necessary
- Improved security due to safe functionality and option to leave money in the safe
- Compact cassette as a closed storage medium for a secure pick up of notes as well as a proven medium for CiT processes

The technical details – CINEO C6010 with compact cassette

Installation variants

- Frontload or rearload

Dimensions (H x W x D)

- Frontload: 794 mm x 370 mm x 480 mm
- Rearload: 794 mm x 370 mm x 492 mm

Weight

- UL291 Business Hour (8h):
Approx. 157 kg
- UL291 Level 1 (24h): Approx. 219 kg

Cash functionalities

Recycling module

- Recycling of up to 3 denominations

Drum modules

- 3 stationary drum modules
- Maximum capacity per drum module:
350 notes

Compact cassette

- 1 compact cassette
- Maximum filling height per cassette:
200 mm (basic variant)

Banknote processing

- Input of bundles of up to 30 notes
- Output of bundles of up to 30 notes

Picking rate

- Up to 5 banknotes per second for deposits/withdrawals

Maximum / minimum note size

- 185 x 85 mm / 105 x 58 mm

Note input module with shutter protection

- Banknote validation in compliance with ECB framework
- Fit / unfit test (optional)
- Foreign object detection in the input and output tray

Customer interaction

Lighting for note input and output

System unit

Software

- Connection to the POS application via the TPCash software platform
- Requirements: WNLPOS 2.01, Windows XP

Security

- Ink staining (optional)
- Robbery alarm system
- Intruder alarm system

Safe

- UL291 Business Hours (8 h)
- UL291 Level 1 (24 h)

Electronic number combination lock

Identity and access control

- Intelligent operator authentication via CrypTA Stick

Services (optional)

- Global Deployment Services: rollout and installation
- Availability Services: fast recovery and regular maintenance services
- Operational Services: remote management and help desk for fast resolutions as well as for user support
- Optimization of cash management and cash logistics

Operating conditions

Power supply

- Supply voltage range:
110 - 120 V; 220 - 240 V
- Nominal frequency:
50 / 60 Hz
- Data interface: USB
- Certification: CE

Elements & dimensions

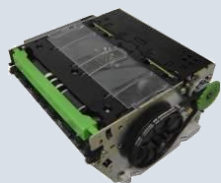
– CINEO C6010 with compact cassette

WINCOR
NIXDORF

Elements



Dimensions



Stationary drum:
Capacity: Up to 350 notes



Compact cassette (basic):
Dimensions (H x W x D):
128,5 x 260 x 313 mm
Weight: Approx. 2,55 kg / 3,96 kg (empty/full)
Max. filling height: 200 mm

CINEO C6010 with standard cassette



Solution

- Manual banknote deposits (bulk input)
- Automated withdrawals (bulk output)
- Three stationary drums for notes to be reused for withdrawals
- One standard cassette for notes not stored in the stationary drums. Serves as removable cassette for pick-ups as well
- Three variations of standard cassette (basic, midrange, high end)

Benefits

- Audit proof deposits and withdrawals of banknotes where no manual cash counting is necessary
- Improved security due to safe functionality and option to leave money in the safe
- Standard cassette as a closed storage medium for a secure pick up of notes as well as a proven medium for CiT processes
- Higher capacities

The technical details – CINEO C6010 with standard cassette

Installation variants

- Frontload

Dimensions (H x W x D)

- 794 mm x 370 mm x 566 mm

Weight

- UL291 Level 1 (24h):
Approx. 365 kg

Cash functionalities

Recycling module

- Recycling of up to 3 denominations

Drum modules

- 3 stationary drum modules
- Maximum capacity per drum module:
350 notes

Standard cassette

- 1 standard cassette
- Maximum filling height per cassette:
300 mm (basic variant)

Banknote processing

- Input of bundles of up to 30 notes
- Output of bundles of up to 30 notes
- Picking rate
 - Up to 5 banknotes per second for deposits/withdrawals

- Maximum / minimum note size

- 185 x 85 mm / 105 x 58 mm

- Note input module with shutter protection

- Banknote validation in compliance with ECB framework

- Fit / unfit test (optional)

- Foreign object detection in the input and output tray

Customer interaction

Lighting for note input and output

System unit

Software

- Connection to the POS application via the TPCash software platform
- Requirements: WNLPOS 2.01, Windows XP

Security

- Ink staining (optional)
- Robbery alarm system
- Intruder alarm system

Safe

- UL291 Level 1 (24 h)

Electronic number combination lock

Identity and access control

- Intelligent operator authentication via CrypTA Stick

Services (optional)

- Global Deployment Services: rollout and installation
- Availability Services: fast recovery and regular maintenance services
- Operational Services: remote management and help desk for fast resolutions as well as for user support
- Optimization of cash management and cash logistics

Operating conditions

Power supply

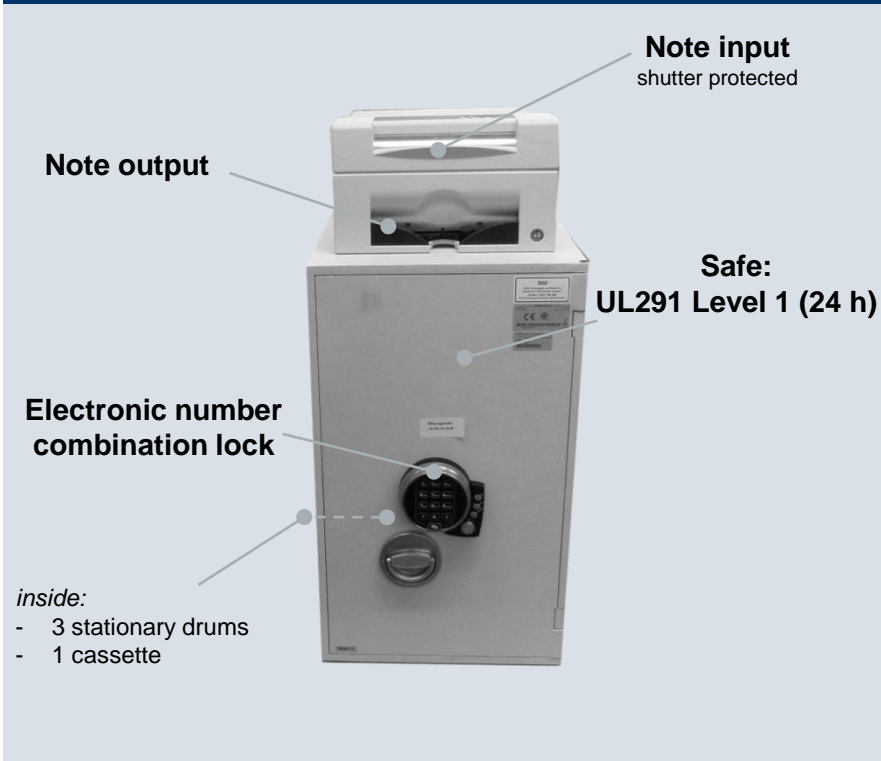
- Supply voltage range:
110 - 120 V; 220 - 240 V
- Nominal frequency:
50 / 60 Hz
- Data interface: USB
- Certification: CE

Elements & dimensions

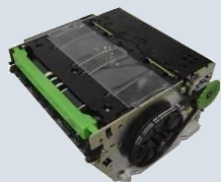
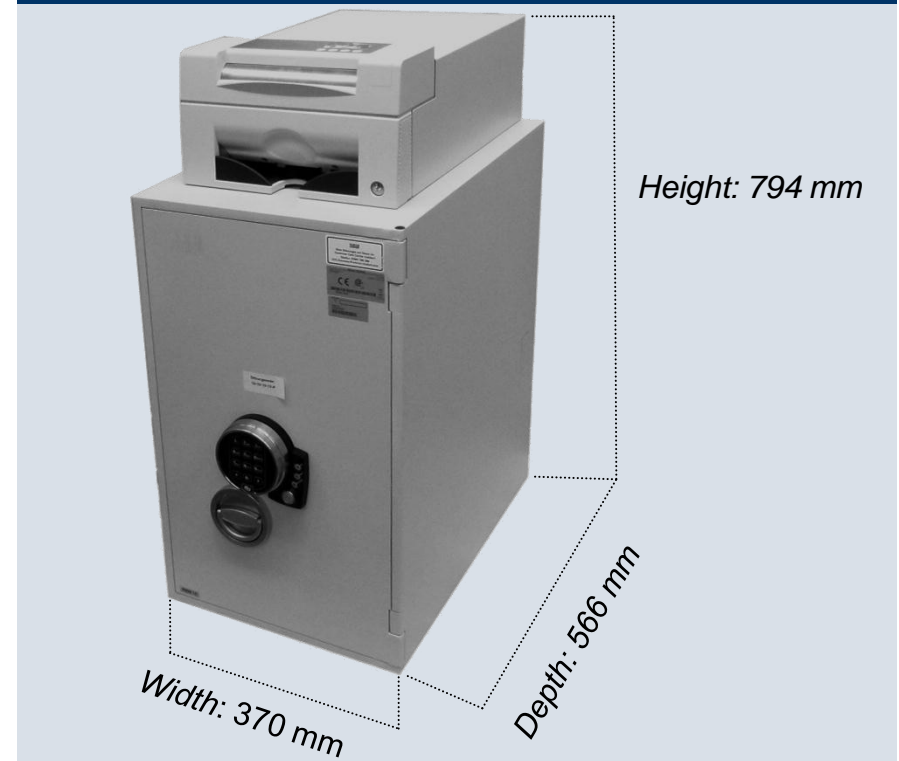
– CINEO C6010 with standard cassette

WINCOR
NIXDORF

Elements



Dimensions



Stationary drum:
Capacity: Up to 350 notes



Standard Cassette (basic):
Dimensions (H x W x D):
128,5 x 260 x 411 mm
Weight: Approx. 3,4 kg / 6,5 kg (empty/full)
Max. filling height: 300 mm

CINEO C6010 with mobile drum



Solution

- Manual banknote deposits (bulk input)
- Automated withdrawals (bulk output)
- Three stationary drums for notes to be reused for withdrawals
- One mobile drum for notes not stored in the stationary drums. Serves as removable cassette for pick-ups as well
- Provision of float via mobile drum
- Three variations of the mobile drum (basic, midrange, high end)

Benefits

- Audit proof deposits and withdrawals of banknotes where no manual cash counting is necessary
- Improved security due to safe functionality and option to leave money in the safe
- In combination with the cash office solution CINEO C6020 the mobile drum is a closed storage medium for a secure in-store cash cycle management solution to pick up notes and provide float

The technical details – CINEO C6010 with mobile drum

Installation variants

- Frontload or rearload

Dimensions (H x W x D)

- Frontload: 794 mm x 370 mm x 480 mm
- Rearload: 794 mm x 370 mm x 492 mm

Weight

- UL291 Business Hour (8h):
Approx. 155 kg
- UL291 Level 1 (24h): Approx. 215 kg

Cash functionalities

Recycling module

- Recycling of up to 3 denominations

Drum modules

- 3 stationary drum modules
- 1 mobile E2E drum module
- Maximum capacity per drum module:
350 notes

Banknote processing

- Input of bundles of up to 30 notes
- Output of bundles of up to 30 notes
- Picking rate
 - Up to 5 banknotes per second for deposits/withdrawals
- Maximum / minimum note size
 - 185 x 85 mm / 105 x 58 mm

- Note input module with shutter protection
- Banknote validation in compliance with ECB framework
- Fit / unfit test (optional)
- Foreign object detection in the input and output tray

Customer interaction

Lighting for note input and output

System unit

Software

- Connection to the POS application via the TPCash software platform
- Requirements: WNLPOS 2.01, Windows XP

Security

- Ink staining (optional)
- Robbery alarm system
- Intruder alarm system
- Safe
 - UL291 Business Hours (8 h)
 - UL291 Level 1 (24 h)
- Electronic number combination lock
- Identity and access control
 - Intelligent operator authentication via CrypTA Stick

Services (optional)

- Global Deployment Services: rollout and installation
- Availability Services: fast recovery and regular maintenance services
- Operational Services: remote management and help desk for fast resolutions as well as for user support
- Optimization of cash management and cash logistics

Operating conditions

Power supply

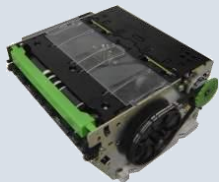
- Supply voltage range:
110 - 120 V; 220 - 240 V
- Nominal frequency:
50 / 60 Hz
- Data interface: USB
- Certification: CE

Elements & dimensions – CINEO C6010 with mobile drum

Elements



Dimensions



Stationary drum:
Capacity: Up to 350 notes



Mobile drum (basic):
Dimensions (H x W x D):
132 x 250 x 215 mm
Weight: Approx. 4,5 kg / 5 kg (empty/full)
Capacity: Up to 350 notes



Solution

- Manual banknote deposits (bulk input)
- Automated withdrawals (bulk output)
- Three stationary drums for notes to be reused for withdrawals
- One stacking cassette for notes not stored in the stationary drums. Serves as removable cassette for pick-ups as well

Benefits

- Audit proof deposits and withdrawals of banknotes where no manual cash counting is necessary
- Improved security due to safe functionality and option to leave money in the safe
- Stacking cassette is used for a secure pick up of notes as well as a proven medium for CiT processes

The technical details – iCASH 10

Installation variants

- Frontload

Dimensions (H x W x D)

- 400 mm x 240 mm x 652 mm

Weight

- Approx. 50 kg

Cash functionalities

Recycling module

- Recycling of up to 3 denominations

Drum modules

- 3 stationary drum modules
- Maximum capacity per drum module:
220 notes

Stacking cassette

- 1 stacking cassette
- Maximum filling height per cassette:
78 mm (basic variant)

Banknote processing

- Input of bundles of up to 30 notes
- Output of bundles of up to 30 notes
- Picking rate
 - Min. 4 banknotes per second for deposits/withdrawals

- Maximum / minimum note size

- 170 x 85 mm / 120 x 60 mm

- Banknote validation in compliance with ECB framework

System unit

Software

- Connection to the POS application via the TPCash software platform
- Requirements: WNLPOS 2.01, Windows XP

Security

- Ink staining (optional)
- Two security locking levels
 - Separate, secured access to the stacking cassette and drums
 - Opening of the stacking cassette

Services (optional)

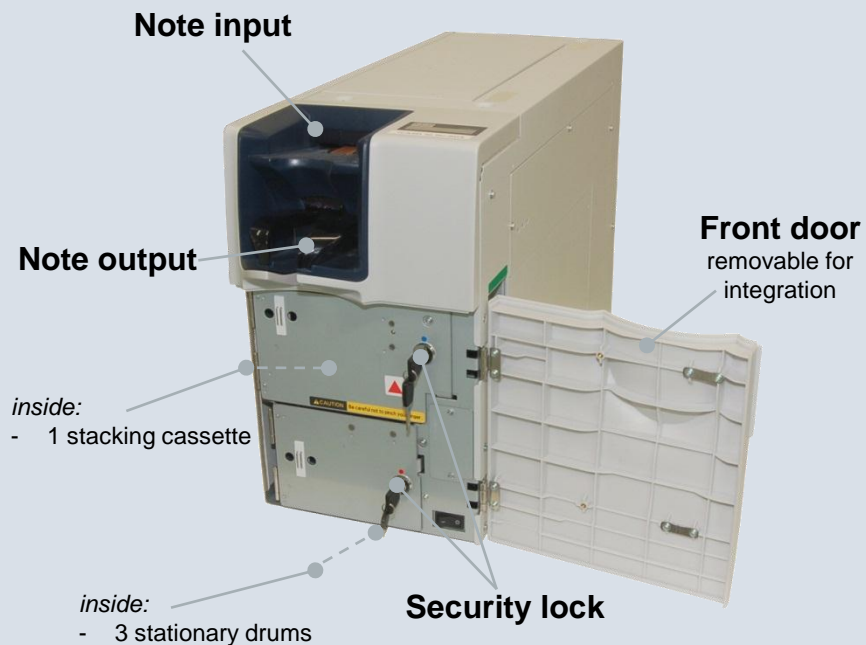
- Global Deployment Services: rollout and installation
- Availability Services: fast recovery and regular maintenance services

Operating conditions

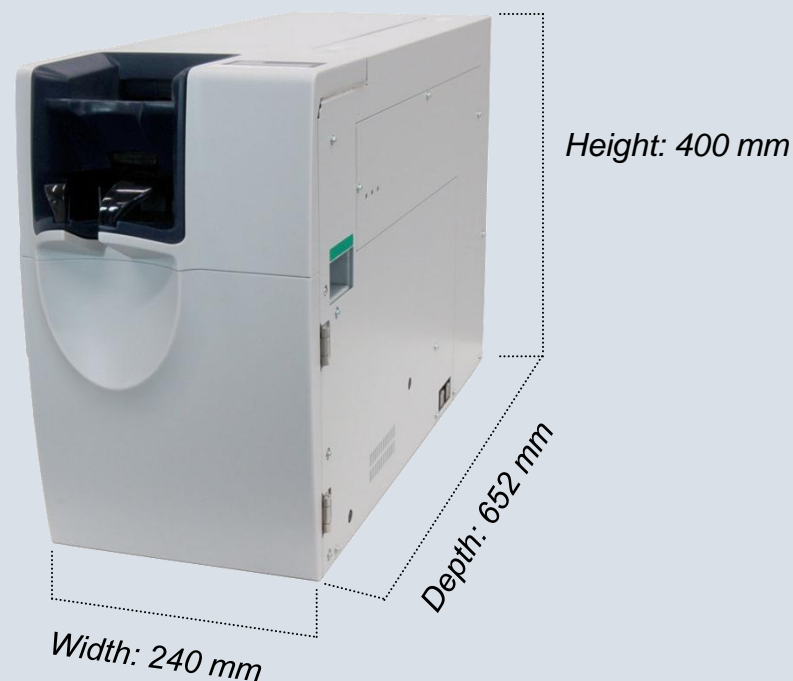
Power supply

- Supply voltage range:
110 - 120 V; 220 - 240 V
- Nominal frequency:
50 / 60 Hz
- Data interface: V.24
- Certification: CE

Elements



Dimensions



Stationary drum:

Capacity: Up to 220 notes



Stacking Cassette (standard):

Dimensions (H x W x D):

125 x 155 x 260 mm

Weight: Approx. 2,5 kg / 3,0 kg (empty/full – 450 notes)

Max. filling height: 78 mm

CINEO C6020 – two cassettes



Solution

- Banknote deposits (bulk input)
- Automated withdrawals (bulk output)
- Automated deposits and withdrawals via mobile drum module
- Four stationary drums for notes to be reused for withdrawals
- Two cassettes for notes not stored in the stationary drums. Serves as removable cassette for pick-ups as well
- Three variations of the cassettes (basic, midrange, high end)

Benefits

- Audit proof deposits and withdrawals of notes where no manual cash counting is necessary
- Improved security due to safe functionality and option to leave money in the safe
- Cassette as a closed storage medium for a secure pick up of notes as well as a proven medium for CiT processes
- In combination with the front office solution CINEO C6010 the mobile drum is a closed storage medium for a secure in-store cash cycle management solution to pick up notes and provide float

The technical details – CINEO C6020 – two cassettes

Installation variants

- Frontload or rearload

Dimensions (H x W x D)

UL Safe without Docking Station

- 970 mm x 580 mm x 855 mm

Variations

- Docking station: plus 210 mm (height)
- CEN III: plus 23 mm (height)

Weight

- UL: Approx. 535 kg
- CEN III: Approx. 685 kg

Cash functionalities

Recycling module

- Recycling of up to 5 denominations

Drum modules

- 4 stationary drum modules
- Maximum capacity per drum module: 350 notes

Cassette

- 2 cassettes
- Maximum filling height per cassette: 300 mm (basic variant)
- Cassettes can also be used for recycling (min. 1 x all-in)

- Fill level indicator
- Scalable cassette concept
 - Lock, seal, tampering indicator, shutter and cover monitoring and cash management storage
- Dimensions (H x W x D): 128,5 mm x 260 mm x 411 mm
- Separate reject cassette
- Separate cassette for counterfeit notes

Banknote processing

- Input of bundles of up to 200 notes
- Output of bundles of up to 200 notes
- E2E docking station for mobile drum module (optional)
- Picking rate
 - Up to 10 banknotes per second for deposits/withdrawals
- Maximum / minimum note size
 - 185 x 85 mm / 105 x 58 mm
- Note input module with shutter protection
- Banknote validation in compliance with ECB framework
- Fit / unfit test (optional)

System unit

Software

- Connection to the POS application via the TPCash software platform
- Requirements: WNLPOS 2.01, Windows XP

Security

- Ink staining (optional)
- Robbery and intruder alarm system
- Structure-borne noise sensor
- Safe
 - UL291 Level 1 (24 h), CEN L, CEN-III
- Electronic number combination lock
- Identity and access control:
 - Intelligent operator authentication via CrypTA Stick

Services (optional)

- Global Deployment Services: rollout and installation
- Availability Services: fast recovery and regular maintenance services
- Operational Services: remote management and help desk for fast resolutions as well as for user support
- Optimization of cash management and cash logistics

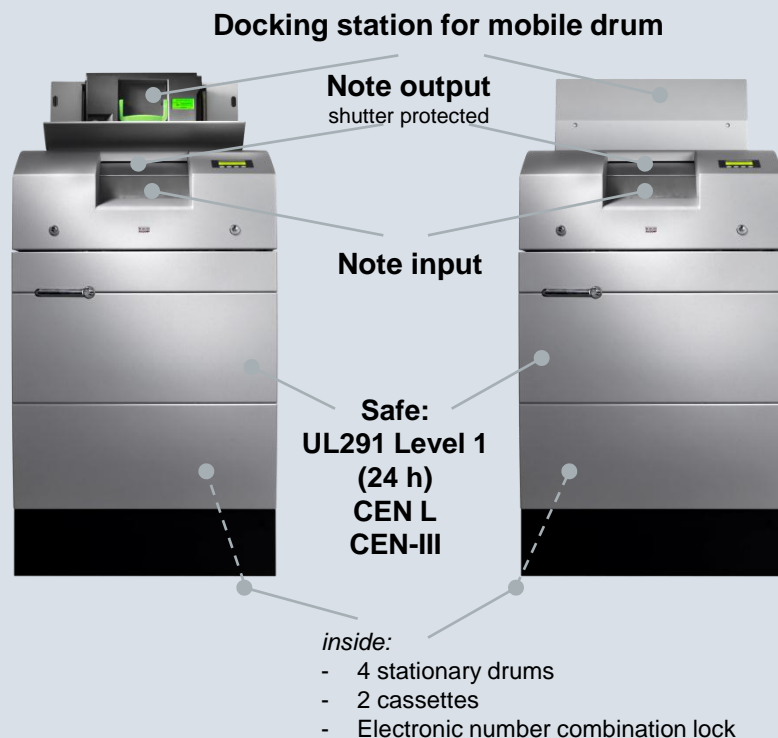
Operating conditions

Power supply

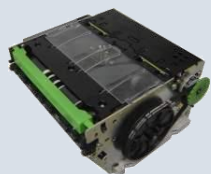
- Supply voltage range: 110 - 120 V; 220 - 240 V
- Nominal frequency: 50 / 60 Hz
- Data interface: USB
- Certification: CE

Elements & dimensions – CINEO C6020 – two cassettes

Elements



Dimensions



Stationary drum:

Capacity: Up to 350 notes



Standard Cassette (basic):

Dimensions (H x W x D):

128,5 x 260 x 411 mm

Weight: Approx. 3,4 kg / 6,5 kg
(empty/full)

Max. filling height: 300 mm



Mobile drum (basic):

Dimensions (H x W x D):

132 x 250 x 215 mm

Weight: Approx. 4,5 kg / 5 kg
(empty/full)

Capacity: Up to 350 notes

Docking Station on CINEO C6020



Closed



Open



E2E process



The docking station:

- Enables a closed cash cycle within a retail store
- Processes cash consolidated in the E2E cash storage medium (mobile drum)
- Allows pick up from POS that is equipped with CINEO C6010
- Allows refill of POS that is equipped with CINEO C6010
- Prevents the cashier from gaining direct access to money
- Is secured by a metal cover to avoid foreign objects falling in
- Is equipped with a security release lock which ensures that the E2E media can be released in case of any unexpected event

CINEO C6020 – three cassettes



Solution

- Banknote deposits (bulk input)
- Automated withdrawals (bulk output)
- Automated deposits and withdrawals via mobile drum module
- Four stationary drums for notes to be reused for withdrawals
- Three cassettes for notes not stored in the stationary drums. Serves as removable cassette for pick-ups as well
- Three variations of cassettes (basic, midrange, high end)

Benefits

- Audit proof deposits and withdrawals of notes where no manual cash counting is necessary
- Improved security due to safe functionality and option to leave money in the safe
- Cassette as a closed storage medium for a secure pick up of notes as well as a proven medium for CiT processes
- In combination with the CINEO C6010 the mobile drum is a closed storage medium for a secure in-store process to pick-up notes and provide float
- Higher capacities

The technical details – CINEO C6020 – three cassettes

Installation variants

- Frontload or rearload

Dimensions (H x W x D)

UL Safe without Docking Station

- 1,105 mm x 580 mm x 855 mm

Variations

- Docking station: plus 210 mm (height)
- CEN III: plus 23 mm (height)

Weight

- UL: Approx. 570 kg
- CEN III: Approx. 785 kg

Cash functionalities

Recycling module

- Recycling of up to 5 denominations

Drum modules

- 4 stationary drum modules
- Maximum capacity per drum module: 350 notes

Cassette

- 3 cassettes
- Maximum filling height per cassette: 300 mm (basic variant)
- Cassettes can also be used for recycling (min. 1 x all-in)

- Fill level indicator
- Scalable cassette concept
 - Lock, seal, tampering indicator, shutter and cover monitoring and cash management storage
- Dimensions (H x W x D): 128,5 mm x 260 mm x 411 mm
- Separate reject cassette
- Separate cassette for counterfeit notes

Banknote processing

- Input of bundles of up to 200 notes
- Output of bundles of up to 200 notes
- E2E docking station for mobile drum module (optional)
- Picking rate
 - Up to 10 banknotes per second for deposits/withdrawals
- Maximum / minimum note size
 - 185 x 85 mm / 105 x 58 mm
- Note input module with shutter protection
- Banknote validation in compliance with ECB framework
- Fit / unfit test (optional)

System unit

Software

- Connection to the POS application via the TPCash software platform
- Requirements: WNLPOS 2.01, Windows XP

Security

- Ink staining (optional)
- Robbery and intruder alarm system
- Structure-borne noise sensor
- Safe
 - UL291 Level 1 (24 h), CEN L, CEN-III
- Electronic number combination lock
- Identity and access control
 - Intelligent operator authentication via CrypTA Stick

Services (optional)

- Global Deployment Services: rollout and installation
- Availability Services: fast recovery and regular maintenance services
- Operational Services: remote management and help desk for fast resolutions as well as for user support
- Optimization of cash management and cash logistics

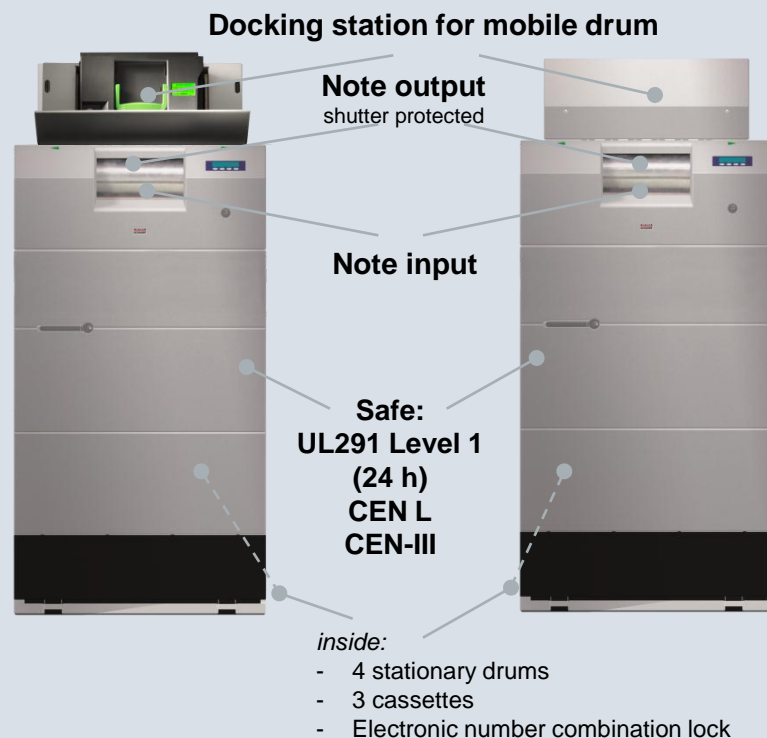
Operating conditions

Power supply

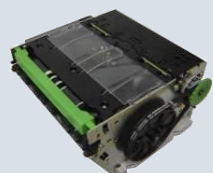
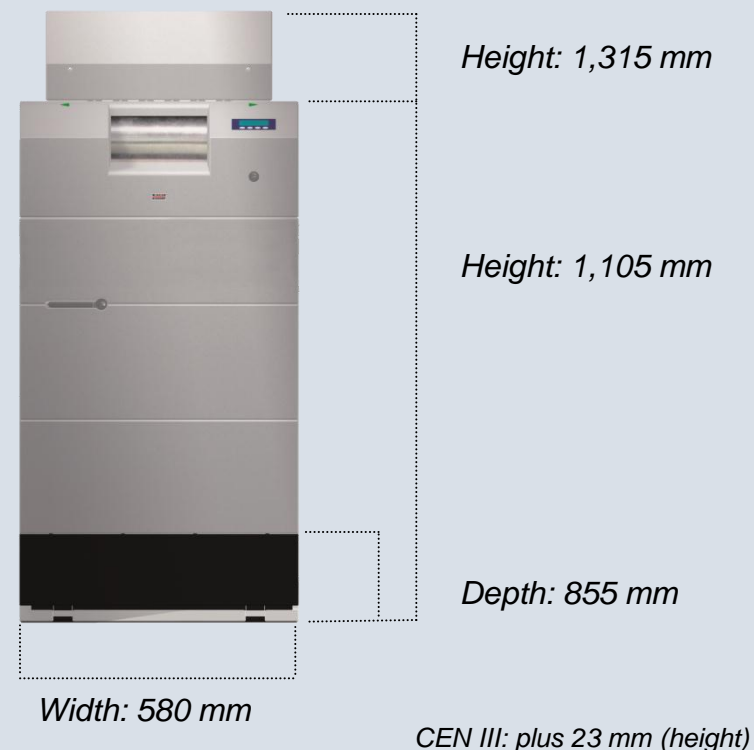
- Supply voltage range: 110 - 120 V; 220 - 240 V
- Nominal frequency: 50 / 60 Hz
- Data interface: USB
- Certification: CE

Elements & dimensions – CINEO C6020 – three cassettes

Elements



Dimensions



Stationary drum:

Capacity: Up to 350 notes



Standard Cassette (basic):

Dimensions (H x W x D):

128,5 x 260 x 411 mm

Weight: Approx. 3,4 kg / 6,5 kg
(empty/full)

Max. filling height: 300 mm



Mobile drum (basic):

Dimensions (H x W x D):

132 x 250 x 215 mm

Weight: Approx. 4,5 kg / 5 kg
(empty/full)

Capacity: Up to 350 notes



Solution

- Manual banknote deposits (bulk input)
- Automated withdrawals (bulk output)
- Four stationary drums for notes to be reused for withdrawals
- One stacking cassette for notes not stored in the stationary drums. Serves as removable cassette for pick-ups as well

Benefits

- Audit proof deposits and withdrawals of banknotes where no manual cash counting is necessary
- Improved security due to safe functionality and option to leave money in the safe
- Stacking cassette is used for a secure pick-up of notes as well as a proven medium for CiT processes

The technical details – iCASH 50

Installation variants

- Frontload

Dimensions (H x W x D)

- UL291 Business Hours:
911 mm x 380 mm x 757 mm
- UL291 Level 1:
934 mm x 400 mm x 757 mm

Weight

- UL291 Business Hours: Approx. 155 kg
- UL291 Level 1: Approx. 240 kg

Cash functionalities

Recycling module

- Recycling of up to 4 denominations

Drum modules

- 4 stationary drum modules
- Maximum capacity per drum module:
220 notes

Stacking cassette

- 1 stacking cassette
- Capacity: up to 2,000 notes

Banknote processing

- Input of bundles of up to 150 notes
- Output of bundles of up to 150 notes

Picking rate

- Min. 4 banknotes per second for deposits
- Min. 5 banknotes per second for withdrawals

Maximum / minimum note size

- 170 x 85 mm / 120 x 60 mm

Banknote validation in compliance with ECB framework

Fit / unfit test (optional)

System unit

Software

- Connection to the POS application via the TPCash software platform
- Requirements: WNLPOS 2.01, Windows XP

Security

- Ink staining (optional)
- Robbery and intruder alarm system (optional)
- Safe
 - UL291 Business Hours (8 h)
 - UL291 Level 1 (24 h)
- Electronic number combination lock
- Two security locking levels
 - Separate, secured access to the stacking cassette and drums
 - Opening of the stacking cassette

Services (optional)

- Global Deployment Services: rollout and installation
- Availability Services: fast recovery and regular maintenance services

Operating conditions

Power supply

- Supply voltage range:
110 - 120 V; 220 - 240 V
- Nominal frequency: 50 / 60 Hz
- Data interface: V.24
- Certification: CE

Elements

Note input

Note output

inside:

- 4 stationary drum modules
- 1 internal stacking cassette
- electronic number combination lock

Safe:
**UL291 Business
Hours (8 h) or
UL291 Level 1
(24 h)**

Dimensions



Height:

- 911 mm
(UL291 Business Hours)
- 934 mm (UL291 Level 1)

Width:

- 380 mm
(UL291 Business Hours)
- 400 mm (UL291 Level 1)

Depth: 757 mm

Stationary drum:

Capacity: Up to 220 notes



Stacking Cassette (standard):

Dimensions (H x W x D):

145 x 270 x 490 mm

Weight: Approx. 7,8 kg / 13,2 kg (empty/full – 2,000 notes)

Capacity: up to 2,000 notes



Solution

- Manual coin deposits (bulk input)
- Automated withdrawals (bulk output)
- Eight hoppers for coins to be reused for withdrawals

Benefits

- Audit proof deposits and withdrawals of coins where no manual cash counting is necessary
- Improved security due to a closed housing and option to leave money in the system
- Recycling of up to eight denominations

The technical details – iCASH 15

Dimensions (H x W x D)

- 170 mm x 230 mm x 680 mm

Weight

- Approx. 24 kg (without coins)
- Max. 28 kg (with coins)

Currencies

- Euro
- Pound sterling
- Danish krone
- Swedish krona
- Norwegian krone
- US dollar

Cash functionalities

Recycling module

- Recycling of up to 8 denominations

Euro capacity

- 60 x 2 euros
- 70 x 1 euro
- 60 x 50 cents
- 80 x 20 cents
- 100 x 10 cents
- 100 x 5 cents
- 150 x 2 cents
- 150 x 1 cent

- 1 overflow box with a capacity of up to 150 coins

Coin processing

- Bulk deposit of up to approx. 50 coins
- Dispensing of up to approx. 50 coins
- Processing rate
 - Approx. 3 coins per second for deposit
 - Approx. 6 coins per second for dispensing
- Cash authentication module
- Foreign object detection

System unit

Software

- Connection to the POS application via the TPCash software platform
- Requirements: WNLPOS 2.01, Windows XP

Security

- Security lock

Services (optional)

- Global Deployment Services: rollout and installation
- Availability Services: fast recovery and regular maintenance services

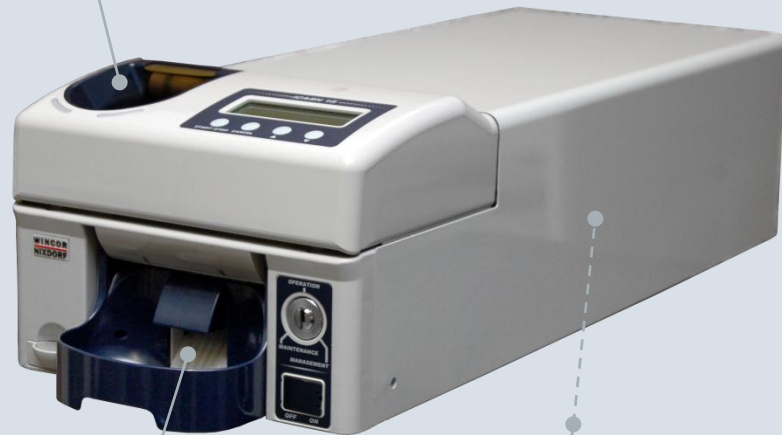
Operating conditions

Power supply

- Supply voltage range: 110 - 120 V; 220 - 240 V
- Nominal frequency: 50 / 60 Hz
- Data interface: V.24
- Certification: CE, UL

Elements

Coin input

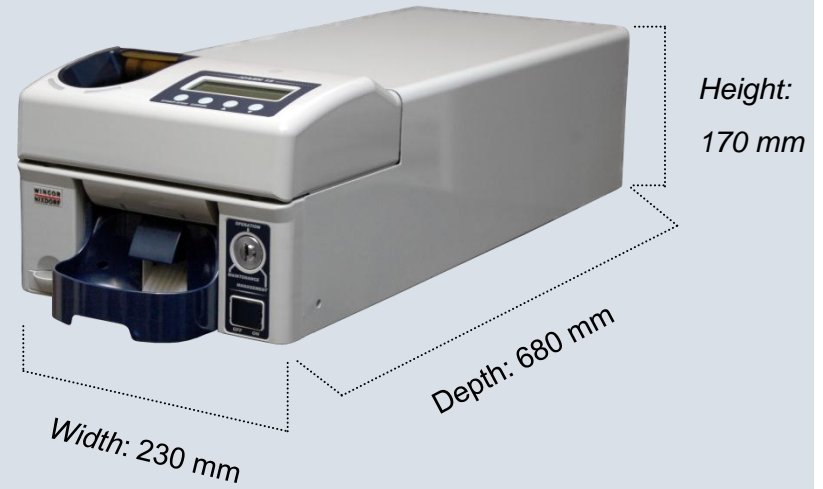


Coin output

inside:

- 8 hoppers
- overflow box

Dimensions





Solution

- Manual coin deposits (bulk input)
- Automated withdrawals (bulk output)
- Eight hoppers for coins to be reused for withdrawals

Benefits

- Audit proof deposits and withdrawals of coins where no manual cash counting is necessary
- Improved security due to a closed housing and option to leave money in the system
- Recycling of up to eight denominations
- Higher capacities

The technical details – iCASH 15e

Dimensions (H x W x D)

- 240 mm x 300 mm x 680 mm

Weight

- Approx. 35 kg (without coins)
- Max. 48 kg (with coins)

Currencies

- Euro
- Pound sterling
- Danish krone
- Swedish krona
- Norwegian krone
- US dollar

Cash functionalities

Recycling module

- Recycling of up to 8 denominations

Euro capacity

- 220 x 2 euros
- 250 x 1 euro
- 220 x 50 cents
- 290 x 20 cents
- 360 x 10 cents
- 360 x 5 cents
- 540 x 2 cents
- 540 x 1 cent

- 1 overflow box with a capacity of up to 150 coins

Coin processing

- Bulk deposit of up to approx. 50 coins
- Refill cassette (optional)
- Dispensing of up to approx. 50 coins
- Processing rate
 - Approx. 3 coins per second for deposit
 - Approx. 6 coins per second for dispensing
- Cash authentication module
- Foreign object detection

System unit

Software

- Connection to the POS application via the TPCash software platform
- Requirements: WNLPOS 2.01, Windows XP

Security

- Security lock

Services (optional)

- Global Deployment Services: rollout and installation
- Availability Services: fast recovery and regular maintenance services

Operating conditions

Power supply

- Supply voltage range: 110 - 120 V; 220 - 240 V
- Nominal frequency: 50 / 60 Hz
- Data interface: V.24
- Certification: CE, UL

Elements & dimensions – iCASH 15e

Elements

Coin input

inside:

- 8 hoppers
- overflow box

Coin output

Dimensions

Height:
240 mm

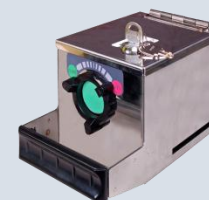
Width: 300 mm

Depth: 680 mm

Safe bag holder



Closed refill cassette





Solution

- Manual coin deposits (bulk input)
- Automated withdrawals (bulk output or directly into compartment of cash drawer)
- Eight hoppers for coins to be used again for withdrawals
- System as standalone system or, alternatively, as a component unit
- Integration of receipt printer, PC unit and display (optional)

Benefits

- Audit proof deposits and withdrawals of coins where no manual cash counting is necessary
- Improved security due to a closed housing and option to leave money in the system
- Recycling of up to eight denominations
- Large capacity hoppers: Recycling capacity of up to 8 x 1,500 coins (based on €1 coin)
- Fast through direct coin dispensing in the compartment of cash drawers

The technical details – CINEO C1020

Dimensions (H x W x D)

- 1,274 mm x 750 mm x 530 mm

Weight

- Approx. 160 kg (without coins)
- Max. 250 kg (with coins)

Currencies

- Euro
- Pound Sterling
- Danish Krona
- Swedish Krona
- Norwegian Krona

Cash functionalities

Recycling module

- Recycling of up to 8 denominations

Euro capacity

- 1,000 x 2 euros
- 1,200 x 1 euros
- 1,000 x 50 cents
- 1,680 x 20 cents
- 2,100 x 10 cents
- 2,100 x 5 cents
- 3,000 x 2 cents
- 3,000 x 1 cents

Capacity of overflow box

- 900 coins deposit (on basis of 1-EURO coin)

Coin deposit

- Bulk deposit of up to approx. 500 coins

Coin dispensing

- Direct in the compartment of the following cash drawers
 - KA16, KA17, KA21
 - Cash Bases Flip 460 Universal
 - Universal adapter for any cash drawer
- Processing rate
 - Approx. 3 coins per second for deposits
 - Approx. 40 coins per denomination/second for dispensing different denominations in cash draw
- Cash authentication module
- Foreign object sensor

System unit

Hardware (optional)

- PC: EPC Basic ATS or BEETLE SII
- Touch screen: BA83 irTouch
- Printer: TH230 USB

Software

- Connection to the POS application via the TPCash software platform
- Requirements: WNLPOS 2.01, Windows XP

Security

- Security lock

Services (optional)

- Global Deployment Services: rollout and installation
- Availability Services: fast recovery and regular maintenance services
- Operational Services: remote management and help desk for fast resolutions as well as for user support
- Optimization of cash management and cash logistics

Operating conditions

Power supply

- Supply voltage range: 110 - 120 V; 220 - 240 V
- Nominal frequency: 50 / 60 Hz
- Data interface: V.24
- Certification: CE

Elements



Dimensions



How you benefit from our solutions

Product features & characteristics

Highest flexibility

Implementation of specific customer processes:

- front or rearload
- through-the-wall installation
- deposit and recycling
- standalone or E2E with CINEO C6010 at the front end
- different solutions based on cash volume/capacity

Best-in-class function set

- Fast and reliable banknote and coin recycling
- Varied safety options like safe (UL, CEN), inking, intruder alarm, robbery alarm
- Efficient maintenance, simple operation and remote maintenance

Comprehensive solution

- Intelligent, secure and auditable note storage concept for drums, mobile drums and cassettes enabling new business and CiT concepts

Generated Benefits

Meeting customer demands

Optimized TCO

Key to be competitive